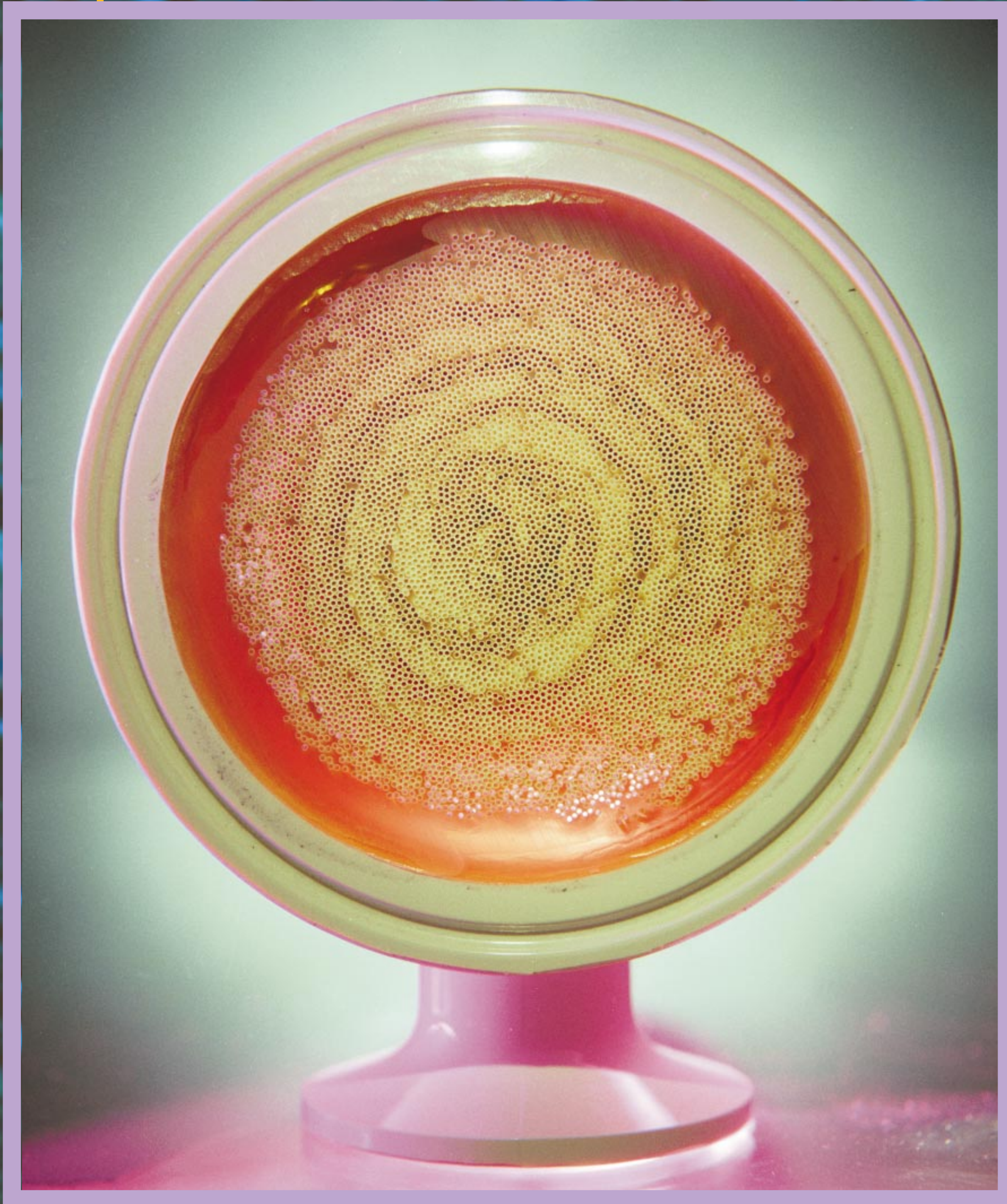# Argonne National Laboratory
Clean Diesel Technology

Using combustion optimization strategies and a special membrane "chemical filter" (seen here from its end, showing hollow-tube bundles) that separates air into oxygen and nitrogen-rich streams, Argonne has demonstrated simultaneous reduction of NO_x and particulate emissions in a working diesel engine. This energy and environmental breakthrough technology increases engine power as well. Research funded by the U.S. Department of Energy, Office of Science, Laboratory Technology Research Program.

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